

(a) The cDNA T11 having a nucleotide sequence beginning at nucleotide 1 and ending at nucleotide 3454 as shown in Figure 3;

(b) the cDNA TR4 containing a nucleotide sequence encoding a signal peptide and having an open reading frame beginning at nucleotide 139 and extending to a TAA termination codon at nucleotide 3406 as shown in Figure 3;

(c) the cDNA TR4 which does not contain a nucleotide sequence encoding a signal peptide and having the nucleotide sequence beginning at nucleotide 208 and ending at nucleotide 3406 as shown in Figure 3; and

M³ (d) the cDNA PHF1 as shown in Figure 2 and having a nucleotide sequence beginning at nucleotide 2568 and ending at nucleotide 6378 as shown in Figure 3.

27. The cDNA encoding a human α PDGFR protein according to Claim 26, wherein said receptor protein has the amino acid sequence selected from the group consisting of

(a) amino acids 1-1089 as shown in Figure 3 and

(b) amino acids 24-1089 as shown in Figure 3.

28. The cDNA encoding a human α PDGFR protein according to Claim 27, wherein the receptor protein contains a signal peptide and has the amino acid sequence 1-1089 as shown in Figure 3.

29. The cDNA encoding a human α PDGFR protein according to Claim 27, wherein the amino acids which represent the signal peptide have been cleaved and the receptor protein has the amino acid sequence 24 to 1089 as shown in Figure 3.--